

Form PTO 2149

**INFORMATION ON DISCLOSURE CITATION  
IN AN APPLICATION**  
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MAR 03 2003

Docket Number (Optional)

YFLU-P03-001

Application Number

10/042,614

Applicant

Liu, Ya Fang

Filing Date

January 9, 2002

Group Art Unit

1631-1651

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	BW	6,514,745B1	4/03	Karin, et al.		
	AA					
	AB					
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Form PTO-1449

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JD	AA 6,060,247	5/00	Miller et al.			
	AB 5,854,043	12/98	Johnson			
	AC 5,840,509	11/98	Ni et al.			
JD	AD 5,817,479	10/98	Au-Young et al.			
JD	AE 5,741,808	4/21/98	Lewis et al.			
JD	AF 5,621,100	4/15/97	Lewis et al.			
JD	AG 5,621,101	4/15/97	Lewis et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
JD	AH WO 9918193	4/15/99	WIPO				

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

JD	AI	Anderson, A. J. et al. DNA Damage and Apoptosis in Alzheimer's Disease: Colocalization with c-Jun Immunoreactivity, Relationship to Brain Area, and Effect of Postmortem Delay. <i>J. Neurosci.</i> 16, 1710-1719 (1 March 1996).					
JD	AJ	Bossy-Wetzel, E. et al. Induction of Apoptosis by the Transcription Factor c-Jun. <i>EMBO J.</i> 16, 1695-1709 (1997).					
JD	AK	Chen, Y. et al. The Role of c-Jun N-Terminal Kinase (JNK) in Apoptosis Induced by Ultraviolet C and $\gamma$ Radiation. <i>J. Biol. Chem.</i> 271, 31929-31936 (13 December 1996).					
JD	AL	Cheung, N. S. et al. Kainate-induced apoptosis correlates with c-Jun activation in cultured cerebellar granule cells. <i>J. Neurosci. Res.</i> 52, 69-82 (1 April 1998).					
JD	AM	David, G. et al. Cloning of the SCA7 Gene Reveals a Highly Unstable CAG Repeat Expansion. <i>Nature Genetics</i> 17, 65-70 (September 1997).					
JD	AN	<del>Davis, R. J.</del> Human JNK3 Alpha 2 Protein Kinase (JNK3A2) mRNA. <i>GenBank</i> Accession No. <del>U33819</del> <b>U34819</b> <i>Gupta et al.</i>					
JD	AO	<del>Davis, R. J.</del> Human JNK3 Alpha 2 Protein Kinase (JNK3A2) mRNA. <i>GenBank</i> Accession No. U33820. <i>Gupta et al.</i>					
JD	AP	Davis, R. J. MAPKs: New JNK Expands the Group. <i>TIBS</i> 19, 470-473 (November 1994).					
JD	AQ	Derijard, B. et al. JNK1: A Protein Kinase Stimulated by UV Light and Ha-Ras That Binds and Phosphorylates the c-Jun Activation Domain. <i>Cell</i> 76, 1025-1037 (25 March 1994).					
JD	AR	Dickens, M. et al. A Cytoplasmic Inhibitor of JNK Signal Transduction Pathway. <i>Science</i> 277, 693 (1 August 1997).					

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APR 22 2002		Applicant Liu, Ya Fang	COPY OF PAPERS ORIGINALLY FILED
		Filing Date January 9, 2002	Group Art. Unit 1631 1651
AS	Doroshenko, Donna S. et al. Complete Nucleotide Sequence, Expression, and Chromosomal Localization of Human Mixed-Lineage Kinase 2. <i>Eur. J. Biochem.</i> 234, 492-500 (1995).		
AT	Duyao, M. et al. Trinucleotide Repeat Length Instability and Age of Onset in Huntington's Disease. <i>Nature Genetics</i> 4, 387-392 (August 1993).		
AU	Eilers, A. et al. Role of the Jun Kinase Pathway in the Regulation of c-Jun Expression and Apoptosis in Sympathetic Neurons. <i>J. Neurosci.</i> 18, 1713-1724 (1 March 1998).		
AV	Gallo, K. A. et al. Identification and Characteristics of SPRK, a Novel src-Homology 3 Domain-containing Proline-rich Kinase with Serine/Threonine Kinase Activity. <i>J. Biol. Chem.</i> 269, 15092-15100 (27 May 1994).		
AW	Goodenough et al. <i>Society for Neurological Abstracts</i> 23, 1387 (October 1997).		
AX	Gupta, S. et al. Selective Interaction of JNK Protein Kinase Isoforms with Transcription Factors. <i>EMBO J.</i> 15, 2760-2770 (1996).		
AY	Ham, J. et al. A c-Jun Dominant Negative Mutant Protects Sympathetic Neurons against Programmed Cell Death. <i>Neuron.</i> 14, 927-939 (May 1995).		
AZ	Herdegen, T. et al. Lasting N-Terminal Phosphorylation of c-Jun and Activation of c-Jun N-Terminal Kinases after Neuronal Injury. <i>J. Neurosci.</i> 18, 5124-5135 (15 July 1998).		
BA	Hirai, S. et al. MST/MLK2, a Member of the Mixed Lineage Kinase Family, Directly Phosphorylates and Activates SEK1, an Activator of c-Jun N-terminal Kinase/Stress-activated Protein Kinase. <i>J. Biol. Chem.</i> 272, 15167-15173 (13 June 1997).		
BB	The Huntington's Disease Collaborative Research Group. A Novel Gene Containing a Trinucleotide Repeat that is Expanded and Unstable on Huntington's Disease Chromosomes. <i>Cell</i> 72, 971-983 (26 March 1993).		
BC	Kyriakis, J. M. et al. The Stress-Activated Protein Kinase Subfamily of c-Jun Kinases. <i>Nature</i> 369, 156-160 (12 May 1994).		
BD	Lin, A. et al. Identification of a Dual Specificity Kinase that Activates the Jun Kinases and p38-Mpk2. <i>Science</i> 268, 286-290 (14 April 1995).		
BE	Liu, Ya Fang. Expression of Polyglutamine-expanded Huntingtin Activates the SEK1-JNK Pathway and Induces Apoptosis in a Hippocampal Neuronal Cell Line. <i>J. Biol. Chem.</i> 273, 28873-77 (22 October 1998). 20 Oct 1998		
BF	Liu, Ya Fang et al. Expression of the Huntington Mutant Activates JNK/SAPK and Induces Neuronal Apoptosis. <i>Society for Neurosci. Abstracts</i> 23, 1909 (25 October 1997) - ABSTRACT XP002115942.		
BG	Liu, Ya Fang et al. SH3 Domain-dependent Association of Huntingtin with Epidermal Growth Factor Receptor Signaling Complexes. <i>J. Biol. Chem.</i> 272, 8121-8124 (28 March 1997).		
BH	Liu, Z. et al. Dissection of TNF Receptor 1 Effector Functions: JNK Activation is Not Linked to Apoptosis While NF-KB Activation Prevents Cell Death. <i>Cell</i> 87, 565-576 (November 1996).		
BI	Maroney, Anna C. et al. Monoclonal Apoptosis is Blocked by CEP-1347 (KT 7515), a Novel Inhibitor of the JNK Signaling Pathway. <i>J. Neurosci.</i> 18, 104-111 (1 January 1998).		

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BJ	Martin, J. H. et al. Developmental Expression in the Mouse Nervous System of the p493F12 SAP Kinase. <i>Brain Res. Mol. Brain Res.</i> 35, 47-57 (January 1996) - ABSTRACT ONLY.
BK	Nagafuchi, S. et al. Structure and Expression of the Gene Responsible for the Triplet Repeat Disorder, Dentatorubral and Pallidoluysian Atrophy (DRPLA). <i>Nature Genetics</i> 8, 177-182 (October 1994).
BL	Nishina, H. et al. Stress Signaling Kinase Sek1 Protects Thymocytes from Apoptosis Mediated by CD95 and CD3. <i>Nature</i> 385, 350-354 (23 January 1997). 353
BM	Paulson, H. L. et al. Trinucleotide Repeats in Neurogenetic Disorders. <i>An. Rev. Neurosci.</i> 19, 79-107 (1996).
BN	Rana, A. et al. The Mixed Lineage Kinase SPRK Phosphorylates and Activates the Stress-activated Protein Kinase Activation SEK-1. <i>J. Biol. Chem.</i> 271, 19025-19028 (9 August 1996).
BO	Schwarzschild, M. A. et al. Glutamate, But Not Dopamine, Stimulates Stress-Activated Protein Kinase and AP-1 Medicated Transcription in Striatal Neurons. <i>J. Neurosci.</i> 17, 3455-3466 (15 May 1997).
BP	Snell, R. et al. Relationship Between Trinucleotide Repeat Expansion and Phenotypic Variation in Huntington's Disease. <i>Nature</i> 4, 393-397 (August 1993).
BQ	Thomas, L. B. et al. DNA End Labeling (TUNEL) in Huntington's Disease and other Neuropathological Conditions. <i>Exp. Neurol.</i> 133, 265-272 (June 1995) - ABSTRACT ONLY.
BR	Tibbles et al. MLK-3 activates the SAPK/JNK and p378/RK pathways via SEK1 and MKK3/6. <i>EMBO J.</i> 15, 7026-7035 (1996).
BS	Virdee, K. et al. <u>COMPARISON</u> Composition Between the Timing of JNK Activation, c-Jun Phosphorylation, and Onset of Death Commitment in Sympathetic Neurons. <i>J. Neurochem.</i> 69, 550-561 (1997).
BT	Yan et al. Activation of stress-activated protein kinase by MEKK1 phosphorylation of its activator SEK1. <i>Nature</i> 372, 798-800 (December 1994).
BU	Yang, D. D. et al. Absence of Excitotoxicity-Induced Apoptosis in the Hippocampus of Mice Lacking the <i>Jnk3</i> Gene. <i>Nature</i> 389, 865-870 (23 October 1997).
BV	Yardin, C. et al. FK506 antagonizes apoptosis and c-jun protein expression in neuronal cultures. <i>Neuroreport</i> 9, 2077-80 (22 June 1998).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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